

1. Record Nr.	UNINA9910456210503321
Titolo	International perspectives [[electronic resource] ] : the future of nonhuman primate resources : proceedings of the workshop held April 17-19, 2002 // Institute for Laboratory Animal Research, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2003
ISBN	1-282-08152-7 9786612081521 0-309-52663-9
Descrizione fisica	1 online resource (262 p.)
Disciplina	636.98
Soggetti	Primates as laboratory animals Animal rights Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Use of Nonhuman Primates in Biomedical Research in India: Current Status and Future Prospects--A. J. Rao, PhD""""Initiative for Primate Resources, Biomedical Research, and Conservation in Nepal--Mukesh K. Chalise, PhD, MSc""; ""Chinese Primate Status and Primate Captive Breeding for Biomedical Research in China--Zhiyong Fan, MS, and Yanling Song""; ""The Breeding of Naturally Occurring B Virus-free Cynomolgus Monkeys ( Macaca fascicularis) on the Island of Mauritius--Mary Ann Stanley, BSc"" ""Primates for 21st Century Biomedicine: The St. Kitts Vervet ( Chlorocebus aethiops, SK)--Frank Ervin, MD, and Roberta Palmour"""" Session 1: Panel Discussion""; ""Session 2 Conservation and Supply, Part 2""; ""Nonhuman Primates in Preclinical Research: The EU Situation--Gerhard Hunsmann, MD""; ""Providing Investigators and Vaccine Producers with Laboratory Primates in the Russian Federation--Boris A. Lapin, PhD, MD""; ""Nonhuman Primate Resource Needs: A Moving Target--Jerry Robinson, PhD, and Greg Beattie, MSc, D.A.B.T."" ""Center for the Breeding and Conservation of Primates of the Peruvian

Primate Project--Enrique Montoya, DVM""Session 2: Panel Discussion""; ""Session 3 Nutrient Requirements of Nonhuman Primates""; ""Nutrient Requirements of Nonhuman Primates--Committee on Animal Nutrition, Board on Agriculture and Natural Resources, NRC""; ""Session 4 Genetics""; ""Nonhuman Primates in Genetic Research on Common Diseases--John L. VandeBerg, PhD, and Sarah Williams-Blangero, PhD""  
 ""Genetic Considerations in the Management of Captive Nonhuman Primates--Sarah Williams-Blangero, PhD, and John L. VandeBerg, PhD""  
 ""Influence of MHC Gene Products on Immune Control of AIDS Virus Infection: Consideration for Use in Nonhuman- Primate Resources--Thomas C. Friedrich, BS, and David I. Watkins, PhD""; ""Indian- and Chinese-origin Rhesus Macaques for AIDS-related Research: Comparison of Vaginal Transmission Efficiency of Simian Immunodeficiency Virus (SIV), Viral Loads, and Virus-specific Antibody Responses--Marta L. Marthas, PhD, Ding Lu, M. C. T. Pened""  
 ""Session 4: Panel Discussion""

2. Record Nr.	UNINA9910556880903321
Autore	Silva Lucas Filipe Martins da <1973->
Titolo	Computational Concepts in Simulation of Welding Processes // by Reza Beygi, Eduardo Marques, Lucas F.M. da Silva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-97910-5
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (97 pages)
Collana	SpringerBriefs in Computational Mechanics, , 2191-5350
Disciplina	671.520285
Soggetti	Metals Materials science - Data processing Metals and Alloys Computational Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Classification of welding processes -- Heat sources in welding processes -- Thermal analysis in welding -- Microstructure evolution in

welding -- Mechanical analysis in welding -- Coupled thermo-mechanical analysis -- Modelling of distortion -- Modelling of residual stresses -- Data analysis in welding -- Optimization of welding.

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**Sommario/riassunto**

This book introduces basic concepts related to computer-aided simulation of welding and prepares the reader to perform the simulation of welding by commercial simulation software. It focuses on conceptualizing the physics of welding, heat transfer, stress development and microstructure development in welding. This book helps the reader to implement these concepts in any commercial software to simulate the welding process according to their own requirement.

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